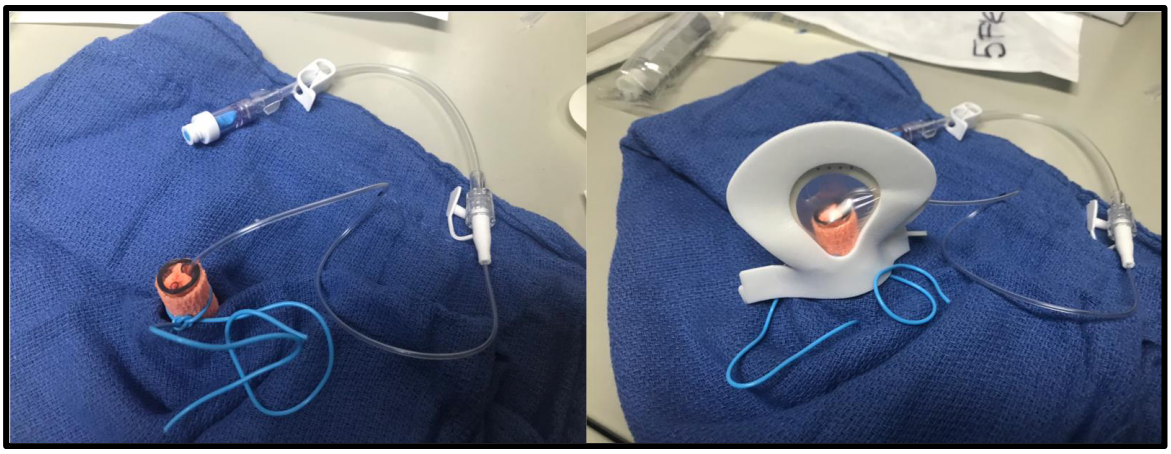
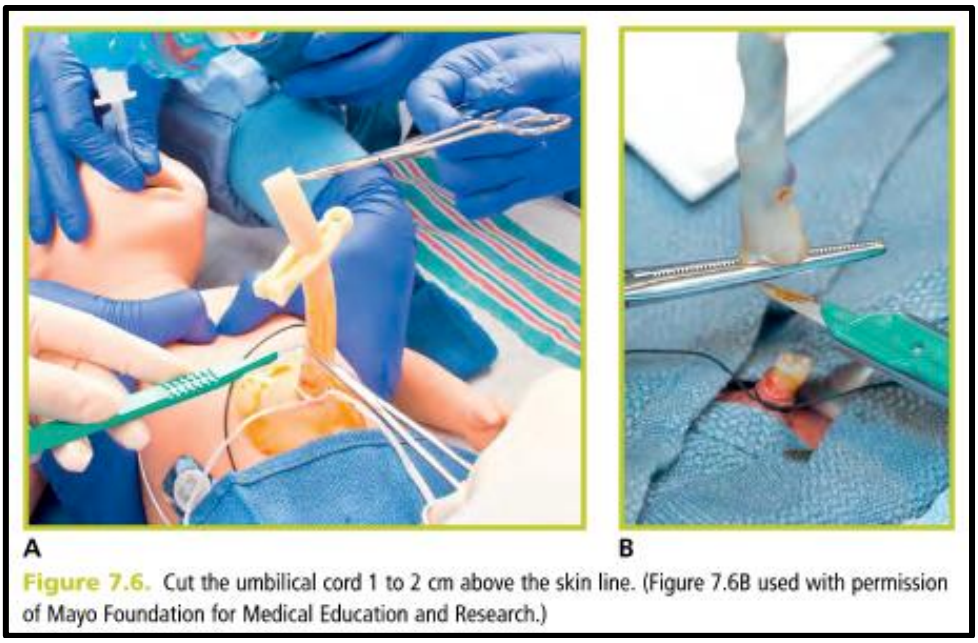
Umbilical Vein Catheterization

5F feeding tube + saline lock, secure with tegaderms



Tie place at base of umbilical cord, new cut made in cord



A B

Figure 7.6. Cut the umbilical cord 1 to 2 cm above the skin line. (Figure 7.6B used with permission of Mayo Foundation for Medical Education and Research.)

Place catheter

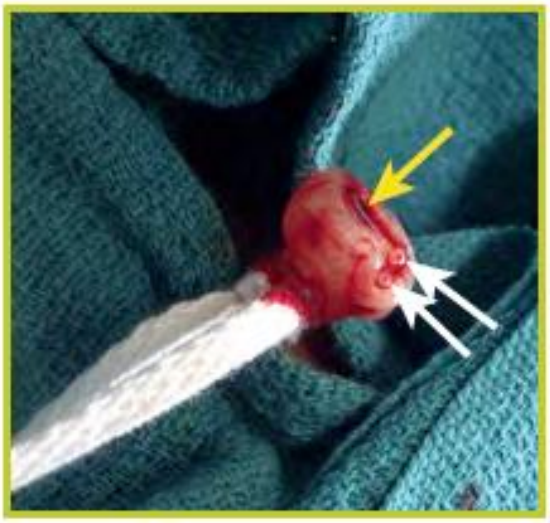


Figure 7.7. The umbilical cord ready for catheter insertion. The umbilical vein is shown by the yellow arrow. The 2 umbilical arteries are shown by the white arrows.

Advance 2-4cm (less in preterm)

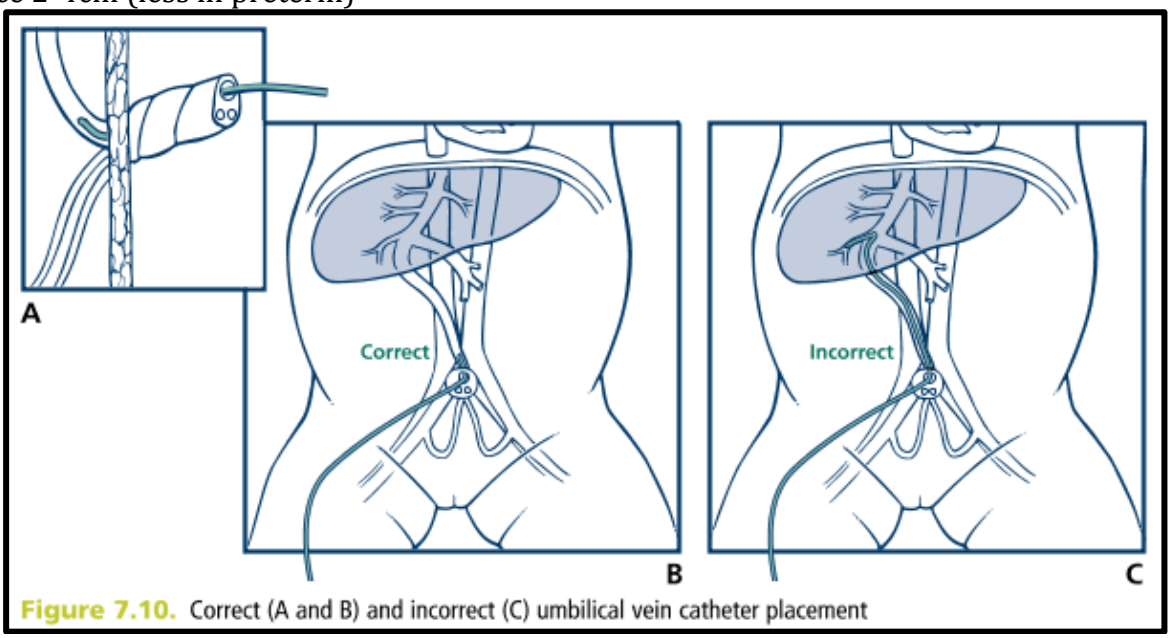


Figure 7.10. Correct (A and B) and incorrect (C) umbilical vein catheter placement

Tighten tie to prevent bleeding around catheter, secure catheter and saline lock